

Notice of Allowability

Application No.

09/916,491

Examiner

D. I. Lee

Applicant(s)

GERRITS ET AL.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 9/1/04.
2. ☒ The allowed claim(s) is/are 46-47 and 54-59.
3. ☒ The drawings filed on 27 July 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 041027.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

DETAILED ACTION

1. Receipt is acknowledged of the Amendment filed 01 September 2004. Claims 1-45 and 48-53 have been canceled; no claims have been amended; and claims 54-59 have been newly added and are depended upon allowed independent claim 46. Currently, claims 46-47 and 54-59 are pending in this application.

Allowable Subject Matter

2. Claims 46-47 and 54-59 are allowed.

3. The following is an examiner's statement of reasons for allowance:

Persia discloses an electronic card or a PCMCIA frame kit with a printed circuit board assembly interposed between the metallic materials of card shields. The specific structure of the card assembly includes the metallic material of card shields having edges wherein the tabs on the edges of one shield engage recesses on the edge of the other shield and each of the tabs includes an arcuate member having an oblique projection which engages the other shield, and the recess has angled ends, which engage the arcuate member of the tabs. The tabs are resilient and act like springs over their entire lengths, provides a stable and rigid frame kit, and all structure of the card assembly yields some degrees of rotation, deflection, and displacement when a force is applied to the structure. The metallic material of the electronic card shield with the specified structure of Persia provides a predetermined measurable deformation (i.e., rotation, deflection, displacement) when it is subjected to a specific given force;

Kilmer teaches a PCMCIA or an electronic card assembly standard specification requires that the physical structure of the electronic card assembly must undergo and pass a number of stringent mechanical test such as a shock and vibration test, a bend test, a torque test, and etc.

One of ordinary skill in the art would not have been motivated to modify the teachings of Persia and Kilmer, alone or in combination with other references, in order to obtain the specific claimed

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deformability of the electronic card assembly, i.e., the specific deformability of the card assembly without printed circuit board withstanding the rotating angle of greater than approximately 10° when the torque of greater than approximately 1.2 N-m is applied during the torque test, as set forth in the claims.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to D. I. Lee whose telephone number is (571) 272-2399. The examiner can normally be reached on Monday through Thursday from 5:30 AM to 4:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael G. Lee can be reached on (571) 272-2398. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



D. I. Lee
Primary Examiner
Art Unit 2876

D. L.